SYSTEMS, METHODS, AND A STORAGE MEDIUM FOR STORING AND SECURELY TRANSMITTING DIGITAL MEDIA DATA

ABSTRACT

[0042] Systems, methods, and a storage medium for storing and securely transmitting digital media data in a networked system are provided. The method includes determining an amount of memory for storing the digital media data. The method further includes querying a plurality of network computers to determine an amount of available memory in a plurality of memory storage devices associated with the plurality of network computers. The method further includes receiving the digital media data and partitioning the digital media data into a plurality of digital media data sets. The method further includes encrypting the plurality of digital media data sets into a plurality of encrypted digital media data sets using at least one encryption key value. The method further includes storing the plurality of encrypted digital media data sets in at least two of the plurality of memory storage devices associated with the plurality of network computers. The method further includes retrieving the plurality of encrypted digital media data sets and transmitting the plurality of encrypted digital media data sets to a decryption device. Finally, the method includes decrypting the plurality of encrypted digital media data sets at the decryption device using at least one encryption key value to obtain the digital media data.